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 CENTRAL INTELLIGENCE AGENCY  
**INFORMATION REPORT**

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REPORT 

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COUNTRY East Germany

DATE DISTR. 4 May 1953

SUBJECT Dresden Transformatoren u. Roentgenwerk  
 (formerly Koch & Sterzel)  
 Personnel and Production

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THIS IS UNEVALUATED INFORMATION

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1. The following Soviet officials have been associated with the Transformatoren und Roentgenwerk VEB (formerly Koch & Sterzel) in Dresden:

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- a) Professor (fnu) Bantas, who was in charge of the dismantling of the plant in 1945 and who at the end of that year was in charge of the rebuilding of the plant.

- b) (Fnu) Yershov, was responsible for acceptance of high-voltage equipment ordered by the USSR from Koch & Sterzel during the period from late 1946 to late 1947.

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- c) (Fnu) Bolinsky, succeeded Yershov in the same job, - dealt with Koch & Sterzel from 1947 to 1950.

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- d) (Fnu) Modush, has been coming to Koch & Sterzel to check on Soviet orders for high-voltage equipment since 1950. (Fnu) Yabov is the superior of Modush. Yabov's office is on the premises of the SCC headquarters in Dresden; he bears the title "Special agent for special installations" (Sonderbeauftragter fuer Spezialanlagen). He is said to be directly responsible to Moscow. Yabov arrived in Dresden in August 1952. Both come to the plant whenever goods are ready for acceptance, perhaps once or twice per week.

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(Fnu) Modush (Fnu) Yabov 

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Modush and Yabov are normally accompanied on their visits to Koch & Sterzel by (fnu) Juregh, chief of the DIA-Elektrotechnik, Branch-Office (Aussonstelle) Dresden, Dresden-A, Donauerstrasse.

- e) Approximately twice a year a group of at least three Russian civilians comes to Koch & Sterzel to inspect production progress on high-voltage equipment and large transformers. These officials allegedly come from Berlin. The last such visit occurred in September or October 1952; three men who looked at part of the then current Soviet order for six large transformers participated. These groups usually stay at Koch & Sterzel for one or two days and examine the above-mentioned equipment in minute detail.

2. The following test departments (Prueffelder) exist in the high-voltage (transformer) division of Koch & Sterzel:

- a) Large Transformers (25 to 50 MVA)
- b) Medium Transformers
- c) Voltage regulators (Regler) and small transformers
- d) High-voltage equipment
- e) Apparatus up to 500 KV
- f) Voltage and current transformers (Strom- und Spannungswandler)

3. The following are deliveries by Koch & Sterzel of high-voltage equipment to the USSR:

Beginning in 1947, the USSR has received annually three each of the following installations:

- i) Direct current high-tension testing installations up to three million volts capacity, with about a 50 milliamperes load.
- ii) Alternating current high-tension testing installation, cascade arrangement, up to 2.25 million volts, with a load of one ampere.
- iii) Flash installations (Stossanlagen) up to three million volts.

All three installations were about 15 meters tall and were mounted in the assembly area at the Niederwartha power plant. The 1953 production plan calls for at least three of each type, and probably more, to go to the USSR. These installations are accepted by Yabov. (fnu) Schurig is the assembly foreman in charge of mounting operations at the Niederwartha plant. Schurig is directly responsible to (fnu) von Schiesal, the Chief of the Research and Development Section at Koch & Sterzel. Insulators for the high-tension installations are delivered by Hescho-Kahla in Thuringia. Rectifier tubes are delivered by the firm of Phoenix-Roentgenroehren, Rudolstadt, Thuringia.

4. Koch & Sterzel delivered one alternating current high-tension testing installation to Hescho-Kahla with a capacity of 1.5 million volts in 1950. This installation is now out of order and is being repaired at Koch & Sterzel. The plant also delivered one alternating current testing installation, capacity 1.5 million volts, to the Technische Hochschule Dresden in 1950. Koch & Sterzel delivered one direct current installation with a capacity of 1.2 or 1.5 million volts to the "Cancer Research Institute" in Berlin-Buch in 1952. A direct current installation, capacity 1 or 1.2 million volts, was delivered to Rumania. Finally, an alternating current installation was delivered to Czechoslovakia with a capacity of 2.25 million volts (cascade arrangement) in 1952. The latter is composed of three transformers of 750 KV each.

5. Koch & Sterzel is currently working on an order for eight large transformers for the USSR. This is an export order. Six of these are to be with a capacity of 50MVA. Two were delivered between 1 January and 27 February 1953.

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- 1.   Comment: The high tension testing installations mentioned in the report are discussed on pages 38 to 43, Deutscher Export Elektrotechnik, July 1952, published by Wirtschaft, Berlin W8, Franzoesischestrasse 53-55.

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